

Figure 1: Schematic representation of the experimental design. The figure is divided into two main sections: 'Pre-treatment' and 'Treatment'. The 'Pre-treatment' section shows a timeline from -10 to 0 minutes, with a 'Pre-treatment' label and a 'Pre-treatment' box. The 'Treatment' section shows a timeline from 0 to 10 minutes, with a 'Treatment' label and a 'Treatment' box. The 'Pre-treatment' section includes a 'Pre-treatment' box and a 'Pre-treatment' label. The 'Treatment' section includes a 'Treatment' box and a 'Treatment' label. The figure shows the timing of the pre-treatment and treatment phases relative to the start of the experiment.

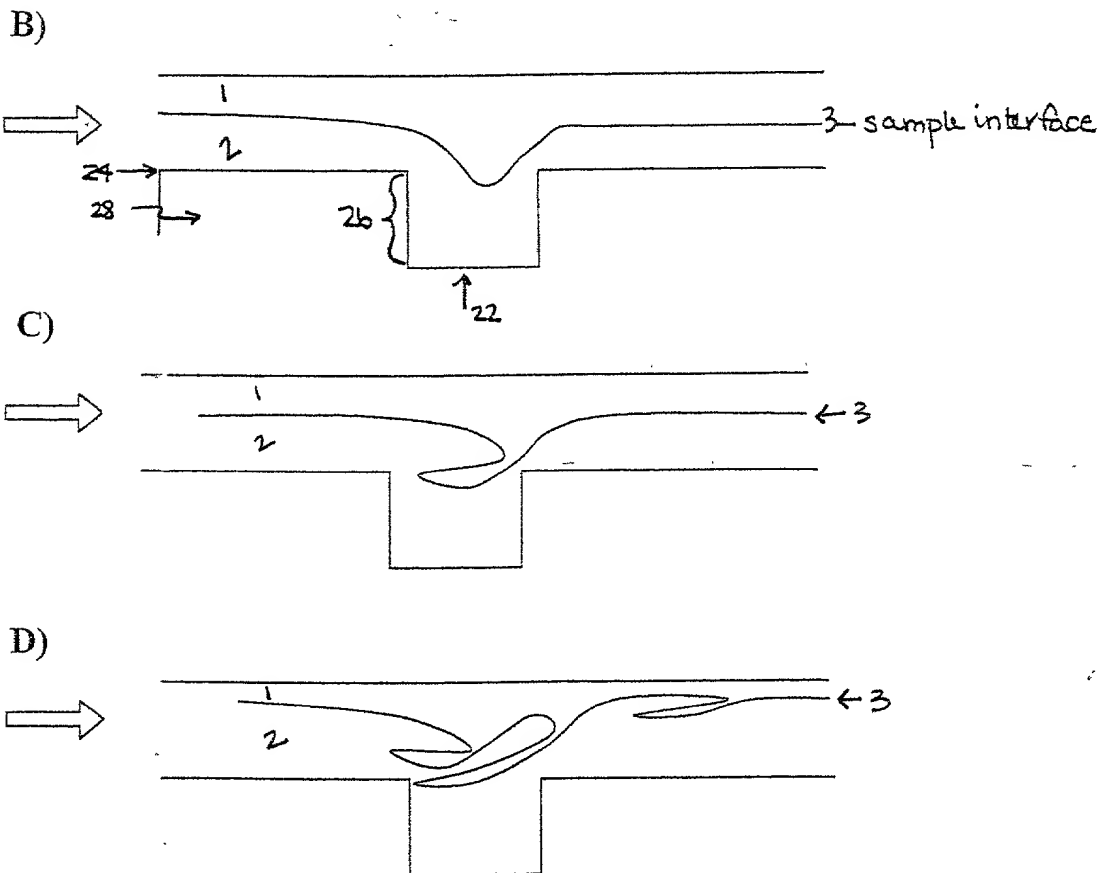


FIGURE 2

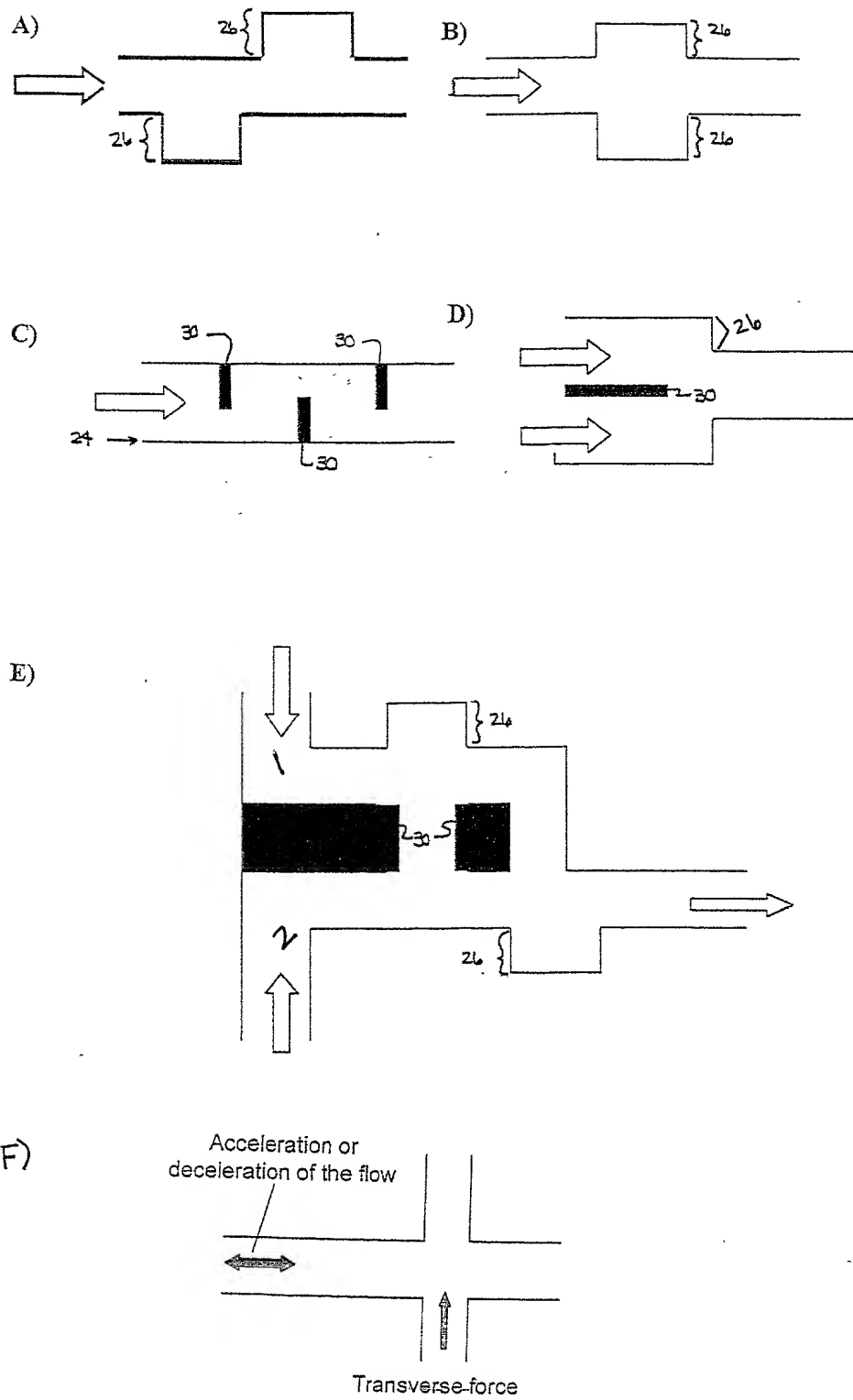


FIGURE 3

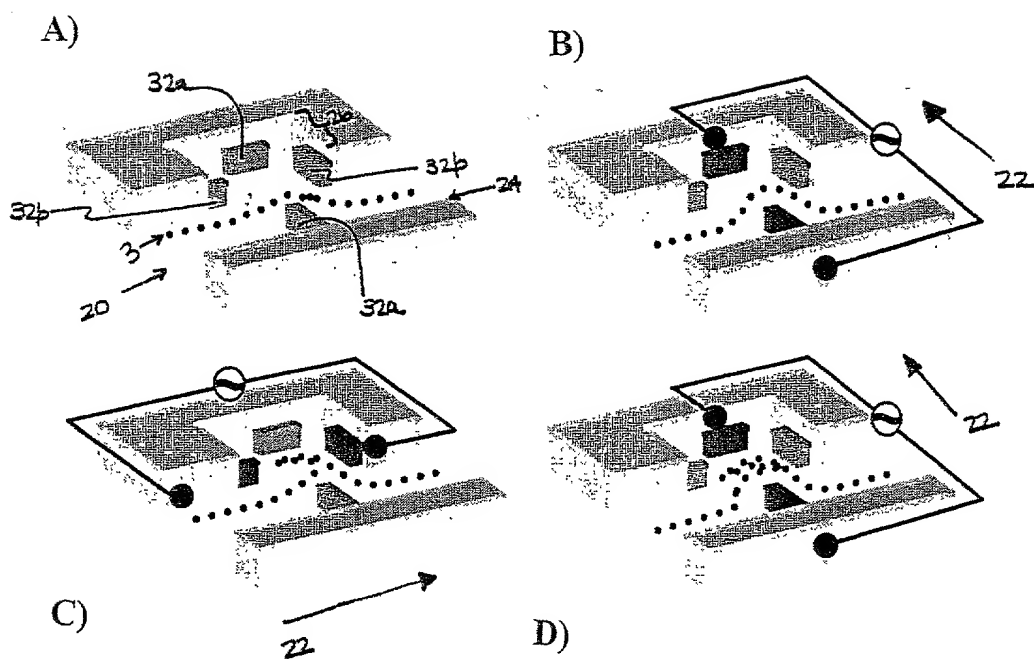


FIGURE 4

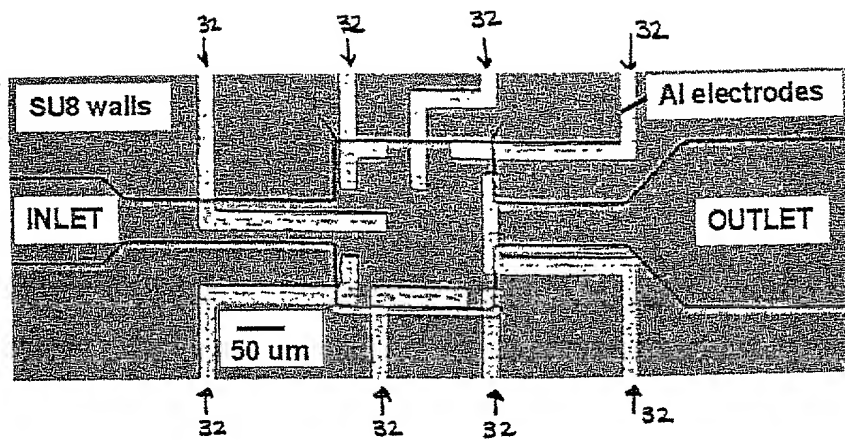
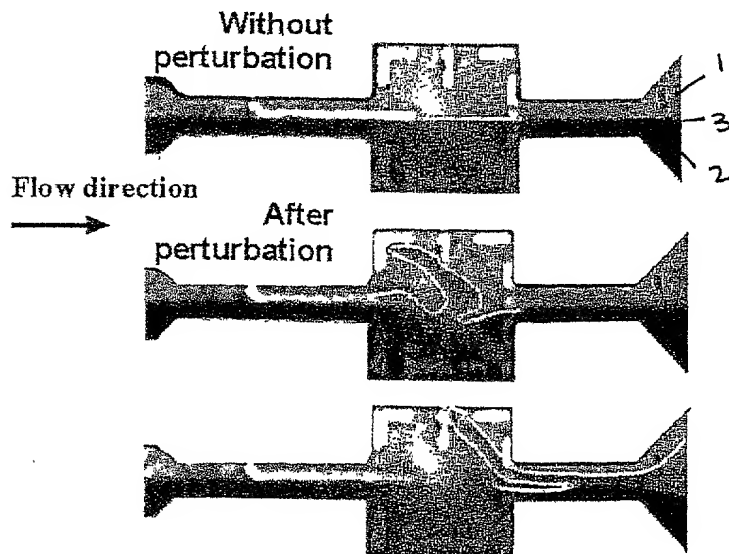


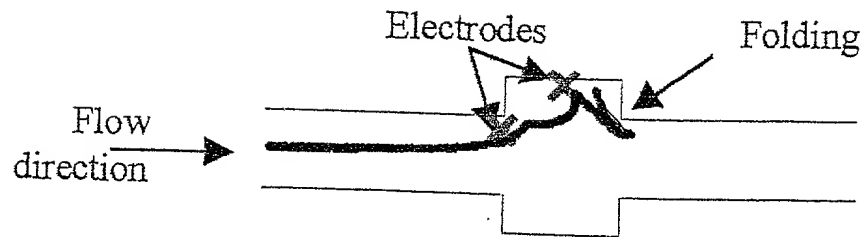
FIGURE 5



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FIGURE 6

A)



B)

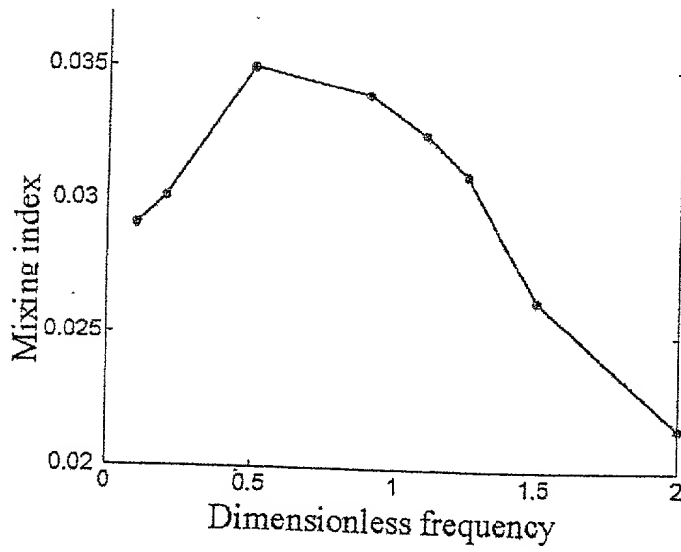


FIGURE 7

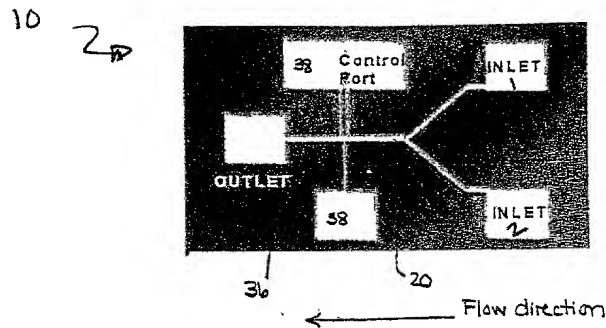


FIGURE 8

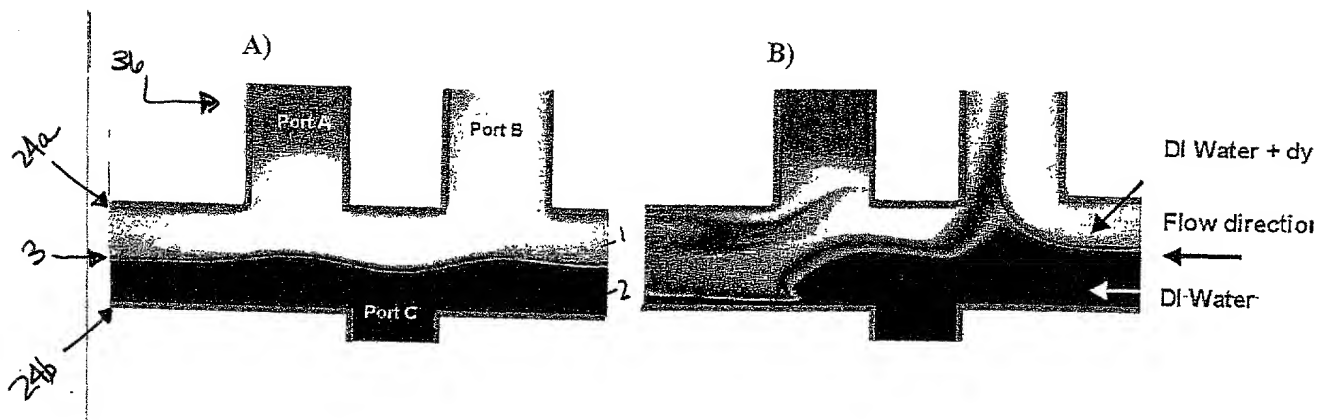


FIGURE 9

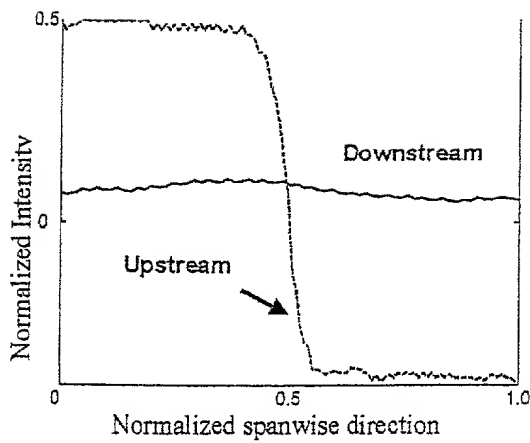
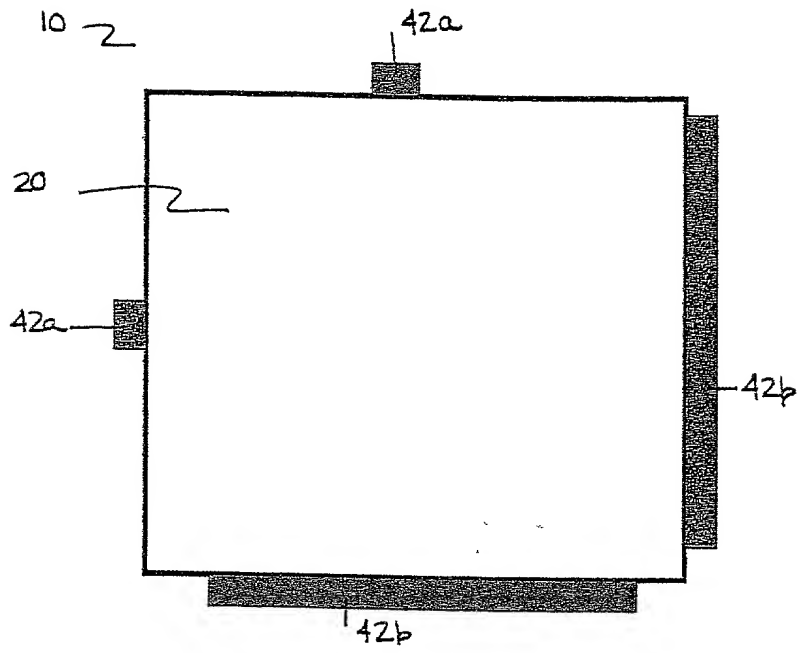
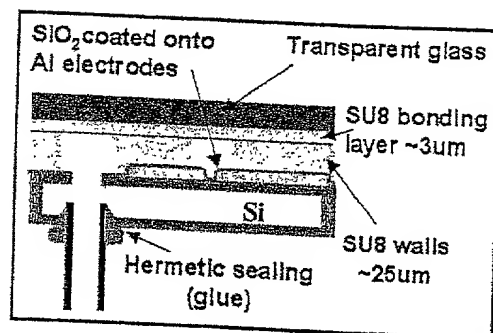


FIGURE 10



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FIGURE 11



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